

File Commands

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file build log

This command collects log information by service or feature and duration.

file build log service/feature duration

Syntax Description	Parameters	Description
	service/feature	specifies the component or functional area from which to retrieve log information
	duration	specifies the time period, measured in days, from which the log information is retrieved.
Command Modes	Administrator	(admin:)

Usage Guidelines Requirements

Command privilege level:

Allowed during upgrade:

Applies to: IM and Presence Service on Unified Communications Manager

Examples

This command collects logs for the Client Profile Agent.

```
admin: file build log cpa 10
Collecting logs
Collecting: logname1.txt
Collecting: logname2.txt
To retrieve run the following command:
```

file get epas/trace/acdc 2012-06-28-111258.tar.gz

This command collects all logs defined in the xml config.

```
admin:file build log all
Collecting logs
Collecting: logname1.txt
Collecting: logname2.txt
```

To retrieve run the following command: file get epas/trace/acdc 2012-06-28-111258.tar.gz

This command collects logs for multiple services.

```
admin:file build log dbmon cpa
Collecting logs
Collecting: logname1.txt
Collecting: logname2.txt
```

```
To retrieve run the following command:
file get epas/trace/acdc_2012-06-28-111258.tar.gz
```

This command shows help.

admin:file build log ? Syntax: file build log [serviceName [serviceName] ..]

Service Names: FullName

ShortName

```
cisco_client_profile_agent cpa
cisco_database_layer_monitor dbmon
cisco_audit_logs audit
cisco_ris_dat_collector risdc
```

This command shows information for the deployment.

admin: file build log deployment info 0

```
DB Queriesmay take up to 5 minutes to complete. Please be patient...
About to start queries for deployment data... please wait...
Gathering CUCM Version...
```

```
ccmversion
11.0.1.100000(9)
                  _____
_____
Gathering CUCM Publisher Node
ccmpublisherhostname
gwydlg050498vm1
            _____
Gathering Rosters table...
rosters
3032681
_____
Gathering Groups table ...
groups
1518966
_____
Gathering Non-Presence contacts...
nonpresencecontacts
502573
_____
Gathering Number of inter-cluster users...
enduser
0
_____
Gathering CUCM Nodes in cluster...
processnode
2
_____
Gathering CUCM Node names in cluster...
name
EnterpriseWideData
processnode
gwydlg050408vm1
_____
           -----
Gathering IM&P nodes in cluster...
processnode
2
       _____
Gathering XCP Routing Node...
paramvalue
t
   _____
Gathering Exchange Calendaring...
pebackendgateway
             -----
_____
Gathering SIP Inter-domain Federation...
domainname
paramvaluegwydlg050408vm2-public.cisco.com
          ------
Gathering XMPP Inter-domain Federation...
xmpps2ssnodes
0
        ------
Gathering Intra-domain Partitioned Federation...
enablepartitionedfedwithacs
f
            _____
Gathering Inter-cluster Peering...
cupsinterclusterpeers
      _____
Gathering Message Archiver...
pkid
8fede7a9-b6a6-4ad4-8da6-b8ea4c8d5411
```

databasetype Postgres databasename tcmadb name gwydlg050408vm2 tknodeusage 0 tkprocessnoderole 2 nodeid 3 _____ Gathering Third-party compliance... ftextdbprocessnodemap 0 -----Gathering Persistent Chat... enablepersistentgear t databasetype Postgres datanasename tcmadb name gwydlg050408vm2 tknodeusage 0 tkprocessnoderole 2 nodeid 2 _____ Gathering Advanced File Transfer... tkfiletransfer 2 databasetype Postgres datbasename tcmadb name gwydlg050408vm2 tknodeusage 0 tkprocessnoderole 2 nodeid 3 _____ Gathering AD Groups... paramvalue t _____ _____ Gathering XEP-198... paramvalue t _____ _ _ _ Gathering DB Replication Status... replicationdynamic 2 Services on this node that currently have debug logging enabled are: Cisco Presence Engine Cisco DRF Local

Cisco XCP File Transfer Manager Collecting Logs for deployment_info Collected: platformConfig.xml Collected: deployment_info.xml Collected: system_info.txt To retrieve the logs, run the following CLI Command: file get activelog epas/trace/log_2015-08-17-154010.tar.gz To maintain a stable system it is recommended that you remove the file after retrieval. To do this run the CLI Command: file delete activelog epas/trace/log_2015-08-17-154010.tar.gz Please Note: Debug logging is not enabled for any of the files you have retrieved

file check

This command checks the /usr directory tree to see whether files or directories have been added, removed, or changed in size since the last fresh installation or upgrade and shows the results.

Syntax Description	on Pa	rameters	Description	
	det	ection-size-kb	Specifies the minimum file size change that is required for the command to display the file as changed.	
			Default value: 100 KB.	
Command Modes	Adı	ministrator (ad	lmin:)	
Usage Guidelines		The command notifies you about a possible impact to system performance and asks you whether you want to continue. The display includes both deleted and new files.		
	Â			
_	Caution	Because this off-peak hou	s command can affect system performance, we recommend that you run the command during urs.	
	Req	uirements		
	Cor	nmand privile	ege level: 1	
	Alle	owed during u	ipgrade: No	
		plies to: Unifie co Unity Com	d Communications Manager, IM and Presence Service on Unified Communications Manager, nection	

file check [detection-size-kb]

file delete

This command deletes a log on the active or inactive side.

file delete { activelog | inactivelog } file-spec [detail] [noconfirm]

Syntax Description	Parameters	Description
	activelog	Specifies a log on the active side.
	inactivelog	Specifies a log on the inactive side.
	file-spec	Specifies the path and filename of the log or logs to delete (includes install log files).
	detail	Shows a listing of deleted files with the date and time.
	noconfirm	Deletes files without asking you to confirm each deletion.
Command Modes	Administrator (admin:)	
Usage Guidelines	You get prompted for confirmation after you are in use.	u enter the command. You cannot delete directories or files that
	\wedge	

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file delete tftp

This command deletes a TFTP file.

Parameters Description

file delete tftp *file-spec* [detail] [noconfirm]

Syntax Description

file-spec Represents the TFTP file name.

	Parameters	Description	-
	detail	Shows a listing of deleted files with the date and time.	-
	noconfirm	Deletes files without asking you to confirm each deletion.	-
Command Modes	Administra	tor (admin:)	
Usage Guidelines	You get pro are in use.	ompted for confirmation after you enter the command. You	cannot delete directories or files that
	\triangle		
Ca	ution You ca	annot recover a deleted file, but you may be able to with th	e Disaster Recovery System.
	Requireme	nts	
	Command	privilege level: 1	

Allowed during upgrade: Yes

Applies to:Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file delete dir tftp

This command deletes the TFTP directory.

file delete dir tftp dir-name [detail]

Syntax Description	on Parar	neters Description
	dir-n	ame Specifies the TFTP directory to delete.
	deta	il Shows a listing of deleted files with the date and time.
Command Modes	Admi	nistrator (admin:)
Usage Guidelines	You gare in	get prompted for confirmation after you enter the command. You cannot delete directories or files that use.
	\triangle	
_	Caution	You cannot recover a deleted file, but you may be able to with the Disaster Recovery System.
	-	i rements nand privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file dump

This command dumps the contents of a log, a page at a time.

file dump {activelog | inactivelog | install} file-spec [hex] [recent] [regexp expression]

Syntax Description	Parameters	Description
	activelog	Specifies a log on the active side.
	inactivelog	Specifies a log on the inactive side.
	install	Specifies an installation log.
	file-spec	Represents the log file to dump.
	hex	Shows output in hexadecimal.
	recent	Dumps the most recently changed file in the directory.
	regexp expression	Displays only the lines in the file that match the regular expression <i>expression</i> .

Command Modes Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

Example

This command dumps contents of file _cdrIndex.idx.

admin: file dump activelog cm/cdr/_cdrIndex.idx

file dump sftpdetails

This command specifies the list of files that can be dumped in the SFTP context and allows you to choose which file to dump.

file dump sftpdetails

Command Modes Administrator (admin:)

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Usage Guidelines Enter **a** to dump all SFTP-related files. Enter **q** to exit this command.

Requirements

Command privilege level: 1 Allowed during upgrade: Yes Applies to: Unified Communications Manager, Cisco Unity Connection

file dump tftp

This command dumps the contents of a TFTP file to the screen, a page at a time.

file dump tftp file-spec [page] [detail] [hex]

Syntax Description	Parameters	Description
	file-spec	Represents the name of a TFTP file.
	page	Displays the output one screen at a time.
	detail	Displays the listing with the date and time.
	hex	Displays the output in hexadecimal.
Command Modes	Administrat	or (admin:)
Usage Guidelines		
	Note file-spe	ec must resolve to a single file.

Requirements

Command privilege level: 1 Allowed during upgrade: Yes Applies to: Unified Communications Manager, Cisco Unity Connection

file fragmentation sdi

This command shows file fragmentation information about SDI log files.

file fragmentation sdi most {fragmented | recent} [number]

Syntax Description	Parameters	Description
	most fragmented	Represents the most fragmented log files.

Parameters	Description
most recent	Represents the most recent logs files.
number	Represents the number of files to list.

Command Modes Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file fragmentation sdi file

This command shows file fragmentation information about an SDI log file.

file fragmentation sdi file *filename* [verbose]

Syntax Description	Parameters Description		
	<i>filename</i> Represents the SDI log file name.		
	verbose Shows more detailed information on the screen.		
Command Modes	Administrator (admin:)		
	Requirements		
	Command privilege level:1		
	Allowed during upgrade: Yes		
	Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection		

file fragmentation sdi all

This command shows file fragmentation information about all SDI log files in the directory.

file fragmentation sdi all filename

Syntax Description	Parameters Description	
	<i>filename</i> Specifies the SDI log file name for which you want to show all fragmentation details.	
Command Modes	Administrator (admin:)	

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file fragmentation sdl

This command shows file fragmentation information about the most fragmented SDL log files.

file fragmentation sdl most {fragmented | recent} [number]

Syntax Description	Parameters	Description
	most fragmented	Represents the most fragmented log files.
	most recent	Represents the most recent log files.
	number	Represents the number of files to list.

Command Modes Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection.

file fragmentation sdl file

This command displays file fragmentation information about an SDL log file.

file fragmentation sdl file *filename* [verbose]

Syntax Description	Parameters	Description
	filename	Represents the file name of the SDL log file.
	verbose	Shows more detailed information on the screen.

Command Modes Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection.

file fragmentation sdl all

This command shows file fragmentation information about all SDL log files in the directory.

Syntax Description	Parameters Description	
	<i>filename</i> Represents the file name for which you want to show all fragmentation details.	
Command Modes	Administrator (admin:) Requirements	
	Command privilege level: 1	
	Allowed during upgrade: Yes	
Applies to: Unified Communications Manager, IM and Presence Service on Unified Commun Cisco Unity Connection.		
file get		

This command sends a log to another system by using SFTP.

file get {activelog | inactivelog | install} file-spec [{reltimeabstime}] [match regex] [recurs] [compress]

Syntax Description	Parameters	Description
	activelog	Specifies a log on the active side.
	inactivelog	Specifies a log on the inactive side.
	install	Specifies an installation log.
	file-spec	Specifies the name of the file to transfer.
	reltime	The relative time period, specified in minutes hours days weeks months time value

salog

	Parameters	Description	
	abstime	The absolute time period, specified as hh : mm : MM/DD/YY hh : mm : MM/DD/YY	
	match regex	Match a particular string in the filename, specified as <i>regex</i> .	
	recurs	Get all files, including subdirectories.	
	compress	Transfer files as compressed file.	
	tftp		
Command Modes	Administrator (admin:)		
Usage Guidelines	After the command identifies the specified files, you password.	get prompted to enter an SFTP host, username, and	
	Requirements		
	Command privilege level: 0		
	Allowed during upgrade: Yes		
	Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection		
	Example		
	This example gets all files in the activelog operating system directory that match the string "plat."		
	admin: file get activelog platform match plat		
	This example gets all operating system log files for a	a particular time period.	
	admin: file get activelog platform/log absti	me 18:00:10/20/13 18:00:10/21/13	
file get salo	g		
	This command sends the partBsalog or salog directo	ry to another system by using SFTP.	
	file get {partBsalog salog} file-spec [{reltimeab	<pre>pstime}] [match regex] [recurs] [compress]</pre>	
Syntax Description	Parameters	Description	

Specifies the salog directory.

Parameters	Description
file-spec	Specifies the name of the file to transfer.
reltime	The relative time period, specified in minutes hours days weeks months time value
abstime	The absolute time period, specified as hh : mm : MM/DD/YY hh : mm : MM/DD/YY
match regex	Match a particular string in the filename, specified as <i>regex</i> .
recurs	Get all files, including subdirectories.
compress	Transfer files as compressed file.

Command Modes Administrator (admin:)

Usage Guidelines After the command identifies the specified files, you get prompted to enter an SFTP host, username, and password.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, Cisco Unity Connection

file get tftp

This command sends a TFTP file to another system by using SFTP.

file get tftp file-spec [{reltimeabstime}] [match regex] [recurs] [compress]

Syntax Description	Parameters	Description
	file-spec	Specifies the name of the TFTP file to transfer.
	reltime	The relative time period, specified in minutes hours days weeks months time value

	Parameters	Description	
	abstime	The absolute time period, specified as hh:mm:MM/DD/YY hh:mm:MM/DD/YY	
	match regex	Match a particular string in the filename, specified as <i>regex</i> .	
	recurs	Get all files, including subdirectories.	
	compress	Transfer files as compressed file.	
Command Modes	Administrator (admin:)		
Usage Guidelines	After the command identifies the specified files, password.	you get prompted to enter an SFTP host, username, and	
	Requirements		
	Command privilege level: 0		
	Allowed during upgrade: Yes		
	Applies to: Unified Communications Manager, G		

file list

This command lists the log files in an available log directory.

file list {activelog | inactivelog | install} *file-spec* [{page | detail | reverse}] [{date | size}]

Syntax Description	Parameters	Description
	activelog	Specifies a log on the active side.
	inactivelog	Specifies a log on the inactive side.
	install	Specifies an installation log.
	file-spec	Specifies the name of the log file .
	page	Shows the output one screen at a time.
	detail	Shows a detailed listing with date and time.
	reverse	Reverses the sort direction.
	date	Sorts files by date.

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	Parameters	Description
	size	Sorts files by size.
Command Modes	Administrator (admin:)	
Usage Guidelines	_ Requirements	
	Command privilege level: 0	
	Allowed during upgrade: Yes	
	Applies to: Unified Communications Manager, IM and Cisco Unity Connection	Presence Service on Unified Communications Manager,
	Example: Log Files with Details	
	This example lists operating system log files with det	ails.
	admin: file list activelog platform/log page	detail
	Example: Directories in the CDR Repository	
	This example lists directories in CDR repository.	
	admin: file list activelog cm/cdr_repository	
	Example: CDR Files by Size	
	This example lists CDR files in a specified directory	by size.
	admin: file list activelog cm/cdr_repository,	/processed/20050812 size
file list salo	g	
	This command lists the partBsalog or salog directory.	
	file list {partBsalog salog} file-spec [{page detail reverse}] [{date size}]	

irectory.
ory.
r files to list.
at a time.
date and time.
(

	Parameters	Description
	date	Sorts files by date.
	size	Sorts files by size.
Command Modes	Administrator (admin:)	
	Requirements	

Command privilege level: 0 Allowed during upgrade: Yes Applies to:Unified Communications Manager, Cisco Unity Connection

file list tftp

This command lists TFTP files.

file list tftp *file-spec* [{page | detail | reverse}] [{date | size}]

Syntax Description	Parameters	Description
	file-spec	Specifies the name of the TFTP file
		· .
	page	Shows the output one screen at a time.
	detail	Shows a detailed listing with date and time.
	reverse	Reverses the sort direction.
	date	Sorts files by date.
	size	Sorts files by size.
Command Modes	Administrator (admin:)	
	Requirements	
	Command privilege level: 0	

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, Cisco Unity Connection

file search

This command searches the content of a log and shows the matching lines a page at a time.

file search {activelog | inactivelog | install} file-spec [{reltimeabstime}] [ignorecase]

Syntax Description	Parameters	Description
	activelog	Specifies a log on the active side.
	inactivelog	Specifies a log on the inactive side.
	install	Specifies an installation log.
	file-spec	Specifies the name of the file to search.
	reltime	The relative time period, specified in minutes hours days weeks months time value
	abstime	The absolute time period, specified as hh : mm : MM/DD/YY hh : mm : MM/DD/YY
	ignorecase	Ignores case in a search.

Command Modes Administrator (admin:)

Usage Guidelines Write the search term in the form of a regular expression, which is a special text string to describe a search pattern.

If the search term is found in only one file, the filename appears at the top of the output. If the search term is found in multiple files, each line of the output begins with the filename in which the matching line was found.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

file search tftp

This command searches the content of a TFTP file and shows the matching lines a page at a time.

file search tftp file-spec [{reltimeabstime}] [ignorecase]

Syntax Description	Parameters	Description	
	file-spec	Specifies the name of the TFTP file to search.	
	reltime	The relative time period, specified in minutes hours days weeks months time value	
	abstime	The absolute time period, specified as hh:mm:MM/DD/YY hh:mm:MM/DD/YY	
	ignorecase	Ignores case in a search.	
Command Modes	Administrator (admin:)		
Usage Guidelines	Write the search term in the form of a regular expression, which is a special text string to describe a search pattern.		
	If the search term is found in only one file, the filename appears at the top of the output. If the search term is found in multiple files, each line of the output begins with the filename in which the matching line was found.		
	Requirements		
	Command privilege level: 0		

Allowed during upgrade: Yes

file tail activelog

This command tails (prints the last few lines) of a log file.

file tail {activelog | inactivelog | install} filespec [hex] [lines] [regexp expression]

Syntax Description	Parameters	Description
	activelog	Specifies a log on the active side.
	inactivelog	Specifies a log on the inactive side.
	install	Specifies an installation log.
	filespec	Specifies the path to the file. You can use the wildcard character, *, for filename as long as it resolves to one file.
	hex	Show the listing in hexadecimal.
	lines	Specifies the number of lines to display.
	regexp expression	Tails log files that match <i>expression</i>

Command Modes Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

Example

This example tails the operating system CLI log file.

admin: file tail activelog platform/log/cli00001.log

file tail tftp

This command tails (prints the last few lines) of a TFTP file.

file tail tftp filespec [detail] [hex] [lines]

Syntax Description	Parameters	Description
	filespec	Specifies the path to the file. You can use the wildcard character, *, for filename as long as it resolves to one file.
	detail	Long listing with date and time
	hex	Show the listing in hexadecimal.
	lines	Specifies the number of lines to display.
Command Modes	Administrator (admin:)	
	Requirements	
	Command privilege level: 0	
	Allowed during upgrade: Yes	
	Allowed du	iring upgrade: Yes

file view

This command shows the contents of log files.

file view {activelog/inactivelog/install} } file-spec

Syntax Description	Parameters	Description
	activelog	Shows the contents of an active side logging files
	inactivelog	Shows the contents of an inactive side logging files
	install	Shows the contents of an install logging file
	file-spec	Specifies the path to the file to view. You can use the wildcard character, *, as long as it resolves to one file.
Command Modes	Administrator (admin:)	
Usage Guidelines	-	
-	\triangle	
Cai	Do not use this comman	d to view binary files because this can corrupt the terminal session.
	Requirements	
	Command privilege level: 0	
	Allowed during upgrade: Yes	
	Applies to: Unified Communic Cisco Unity Connection	cations Manager, IM and Presence Service on Unified Communications Manager,
	Example	

Example

This example shows a particular CDR log on the active side.

admin: file view activelog /cm/cdr_repository/processed/20058012/{filename}

file view activelog

This command shows the contents of log files.

file view activelog file-spec

Syntax Description	Parameters	Description
	activelog	Shows the contents of an active side logging files
	file-spec	Specifies the path to the file to view. You can use the wildcard character, *, as long as it resolves to one file.
	Administrator (admin:)	

Administrator (admin:) Command Modes

Usage Guidelines

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Caution

Note This command may use a considerable amount of I/O and running it may impact system performance. It is highly recommended that this command be run off-hours.

Do not use this command to view binary files because this can corrupt the terminal session.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

Example

This example shows a particular log on the active side.

admin:file view activelog cm/trace/ccm/sdl/{filename}

file view inactivelog

This command displays the contents of a log on the inactive side.

file view inactivelog {file-spec}

Syntax Description	Parameters	Description
	file-spec	Specifies the path to the file to view. You can use the wildcard character, *, for file-spec as long as it resolves to one file.
Command Modes	Administra	tor (admin:)
Usage Guidelines		
C	aution Do not	t use this command to view binary files because this can corrupt the terminal session.
		ommand may use a considerable amount of I/O and running it may impact system performance. It is recommended that this command be run off-hours.

Requirements

Command privilege level: 0 Allowed during upgrade: Yes Applies to: Unified CM, Unified CM with IM and Presence, Cisco Unity Connection

Example

This example shows a particular log on the inactive side. admin:file view inactivelog cm/trace/ccm/sdl/{filename}

file view system-management-log

This command shows the contents of the Integrated Management Logs (IML).

	file view system-management-log			
Command Modes	Administrator (admin:)			
Usage Guidelines	 			
C	Aution Do not use this command to view binary files because this can corrupt the terminal session.			
	Requirements			
	Command privilege level: 1			
	Allowed during upgrade: Yes			
	Applies to: Unified Communications Manager, Cisco Unity Connection			
file view	tftp			
	This command displays the contents of the installation log.			

file view tftp file-spec

Syntax Description	Parameters	Description
	file-spec	Specifies the path to the file to view. You can use the wildcard character, *, as long as it resolves to one file.
Command Modes	Administrator (admin:)	

Usage Guidelines



Caution

Do not use this command to view binary files because this can corrupt the terminal session.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, Cisco Unity Connection